Tecumseh®

Performance Data Sheet

AEA3414YXA

General Information

Model	AEA3414YXA	**Refrigerant**	R-134a
Test Condition	ARI	**Performance Test Voltage**	115V ~ 60HZ
Return Gas	18.3°C (65°F) RETURN GAS	**Motor Type**	RSIR

Performance Information

Evap Temp (°F)		**Condensing Temperature (°F)**						
		80	**90**	**100**	**110**	**120**	**130**	**140**
20	Btu/h	1250	1080	951	848	759	673	577
	Watts	163	173	179	183	185	185	185
	Amps	2.57	2.52	2.50	2.50	2.50	2.51	2.50
	Lb/h	16.6	14.7	13.5	12.7	12.0	11.3	10.4
25	Btu/h	1400	1220	1080	960	859	762	655
	Watts	171	182	189	194	196	198	199
	Amps	2.52	2.49	2.49	2.50	2.52	2.54	2.54
	Lb/h	18.6	16.6	15.3	14.4	13.7	12.9	11.9
30	Btu/h	1570	1380	1220	1100	983	875	757
	Watts	179	191	199	205	208	211	214
	Amps	2.54	2.52	2.52	2.55	2.58	2.61	2.63
	Lb/h	20.9	18.9	17.5	16.5	15.7	14.9	13.8
35	Btu/h	1760	1550	1390	1250	1120	1010	878
	Watts	188	200	209	216	221	225	228
	Amps	2.59	2.58	2.60	2.63	2.68	2.72	2.76
	Lb/h	23.4	21.4	19.9	18.9	18.0	17.2	16.1
40	Btu/h	1960	1740	1560	1410	1280	1150	1010
	Watts	197	210	220	228	234	239	244
	Amps	2.67	2.67	2.70	2.74	2.80	2.85	2.90
	Lb/h	26.2	24.1	22.6	21.5	20.6	19.7	18.6
45	Btu/h	2160	1930	1740	1580	1440	1300	1150
	Watts	207	221	232	240	247	253	259
	Amps	2.76	2.77	2.80	2.86	2.92	2.99	3.05
	Lb/h	28.9	26.8	25.3	24.2	23.4	22.5	21.4
50	Btu/h	2360	2120	1920	1750	1600	1450	1300
	Watts	218	232	244	253	261	268	275
	Amps	2.86	2.87	2.91	2.97	3.05	3.12	3.19
	Lb/h	31.7	29.6	28.1	27.0	26.1	25.3	24.2
55	Btu/h	2550	2300	2090	1910	1750	1600	1430
	Watts	230	245	257	267	276	284	292
	Amps	2.93	2.95	3.00	3.07	3.15	3.23	3.30
	Lb/h	34.3	32.2	30.8	29.7	28.9	28.1	27.0